ATTY, DOCKET NO. SERIAL NO. U.S. DEPARTMENT OF COMMERCE **FORM PTO-1449** 09/672,424 114596-31-0127BS PATENT AND TRADEMARK OFFICE IP APPLICANT NFORMATION DISCLOSURE CITATION Gurieet S. Saund, et al. several sheets if necessary) FILING DATE GROUP ART UNIT MAY 1 6 2005 2183 September 28, 2000 **U.S. PATENT DOCUMENTS** EXAMPLE ADENIS FILING DATE DOCUMENT NUMBER DATE NAME CLASS SUBCLASS IF APPROPRIATE G.C. 3,544,969 12/01/1970 Rakoczi 340 172.5 Nov. 27, 1967 3,781,823 12/25/1973 Senese 340 172.5 July 28, 1972 4,084,235 04/11/1978 Hirtle 364 200 Apr. 14, 1975 4,455,602 06/19/1984 Baxter 364 200 May 22, 981 4,514,803 04/30/1985 Agnew 364 200 Apr. 26 1982 4,575,797 03/11/1986 Gruner 364 200 May 22, 1981 4,636,940 01/13/1987 Goodwin 717 128 Dec. 20, 1985 Mar. 27, 1986 4,722,050 01/26/1988 Lee 712 205 4,750,112 06/07/1988 **Jones** 364 200 Feb. 10, 1984 4,779,187 10/18/1988 Letwin 712 229 Apr. 10, 1985 364 4,812,975 03/14/1989 Adachi 300 Jul. 11, 1984 Kamada 4,831,515 05/16/1989 712 207 Feb. 10, 1986 Ooi 5,043,878 08/1991 712 42 Aug. 9, 1989 5,115,500 05/19/1992 Larsen 711 202 Jan. 11, 1988 711 Nov. 19, 1990 5,155,835 10/13/1992 Belsan 114 5,168,557 12/01/1992 712 207 Shibuya Sep. 21, 1989 5,241,664 08/31/1993 Ohba 711 121 Jan. 7, 1991 5,241,638 08/31/1993 Mork 711 207 Aug. 12, 1995 5,301,287 04/05/1994 Herrell 711 202 Feb. 16, 1993 5,307,504 04/26/1994 Robinson 395 800 Mar. 7, 1991 5,335,331 08/02/1994 Murao 712 203 Jul. 12, 1991 5,339,422 8/16/1994 Brender 714 4 Mar. 7, 1991 Keller 5,355,487 11/11/1994 717 127 Jul. 23, 1993 5,361,340 11/01/1994 Kelly 711 3 Mar. 9, 1993 5,371,894 714 12/06/1994 **DiBrino** 34 Dec. 23, 1993 706 5,377,309 12/27/1994 60 Sonobe Nov. 27, 1991 5,386,563 01/31/1995 Thomas 712 228 Oct. 13, 1992 5,404,476 04/04/1995 Kadaira 711 207 Mar. 9, 1993 5,432,795 07/11/1995 Robinson 371 19 May 15, 1991 5,454,117 09/26/1995 Puziol 395 800 Aug. 25, 1993 5,479,616 712 12/26/1995 Garibay 212 Apr. 3, 1992 S.C. 5.481.684 01/02/1996 Richter 712 212 Jul. 20 1994 Lie bl **EXAMINER DATE CONSIDERED**

SERIAL NO. ATTY. DOCKET NO. **FORM PTO-1449** U.S. DEPARTMENT OF COMMERCE 114596-31-0127BS 09/672,424 PATENT AND TRADEMARK OFFICE APPLICANT INFORMATION DISCLOSURE CITATION Gurjeet S. Saund, et al. GROUP ART UNIT (Use several sheets if necessary) FILING DATE September 28, 2000 2183 U.S. PATENT DOCUMENTS FILING DATE IF APPROPRIATE EXAMINER CLASS SUBCLASS DOCUMENT NUMBER DATE NAME EC, 01/02/1996 712 225 5,481,693 Blomgren Jul. 20, 1994 5,483,647 01/09/1996 Yu 713 100 Dec. 17, 1992 712 217 5,487,156 01/23/1996 Popsescu Dec. 5, 1990 Liu 375 5,507,028 04/09/1996 395 Jan. 9, 1995 395 5,515,518 06/07/1996 Stiles 375 Jul. 5, 1994 395 375 5,542,059 07/30/1996 Dec. 21, 1994 Blomgren 5,542,109 07/30/1996 Blomgren 395 800 Aug. 31, 1994 5.560.013 09/24/1996 Scalzi 717 138 Dec. 6, 1994 209 5,568,646 10/22/1996 Jaggar 712 Sep. 19, 1994 5,574,927 11/12/1996 Scantlin 395 800 Nov. 12, 1996 5,574,929 11/12/1996 Pieterse 712 30 Jun. 30, 1994 395 5.590,309 12/31/1996 Chencinski 472 Apr. 1, 1994 5,598,546 01/28/1997 Blomgren 712 209 Aug. 31, 1994 03/04/1997 395 5,608,886 Blomgren 586 Aug. 31, 1994 5.613.114 3/1997 Anderson 718 108 Apr. 15, 1994 5.613,118 03/18/1997 Heisch 395 709 Jun. 20, 1994 5.619.666 Coon 04/08/1997 712 209 Jun. 2, 1995 5,625,835 4/1997 Ebcioglu 712 23 May 10, 1995 5,628,016 05/06/1997 Kukol 717 140 June 15, 1994 5,636,366 06/03/1997 Robinson 395 490 Oct. 30, 1995 5,638,525 06/10/1997 Hammond 395 385 Feb. 10, 1995 5,652,869 07/29/1997 Herdeg 703 23 Dec. 28, 1994 5,657,474 08/12/1997 Taine 711 163 Nov. 20, 1995 5,659,679 08/19/1997 395 183.1 Alpert May 30, 1995 5,659,782 08/19/1997 Senter 712 23 Sep. 16, 1994 5,664,159 09/02/1997 Richter 395 500 May 8, 1995 5,673,407 09/30/1997 Poland 395 375 Mar. 8, 1994 5,678,032 10/14/1997 Woods 395 500 Sept. 6, 1995 5,685,009 11/04/1997 395 Nov. 29, 1995 Blomgren 800 5,715,421 02/03/1998 Akiyama 711 213 Oct. 16, 1992 E.C. 5,721,927 02/24/1998 Baraz 395 705 Aug. 7, 1996

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EXAMINER

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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE ATTY. DOCKET NO. SERIAL NO. 114596-31-0127BS 09/672,424 APPLICANT

INFORMATION DISCLOSURE CITATION		Gurjeet S. Saund, et al.					
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XAMINER	DOCUMENT NUMBER	DATE DATE	NAME	CLASS	SUBCLASS	FILING DATE	
NITIAL C		03/24/1998		711	135	IF APPROPRIATE	
	5,732,238		Sarkozy			Jun. 12, 1996	
	5,742,780	04/21/1988	Caulk	395	382	Jan. 16, 1997	
-	5,751,982	05/12/1998	Morley	395	800	Mar. 31, 1995	
	5,754,878	05/19/1998	Asghar	395	800	Mar. 18, 1996	
	5,764,947	06/09/1998	Murphy	703	20	Mar. 2, 1994	
1	5,768,500	6/16/1998	Agrawal	714	47	Jun. 20, 1994	
	5,774,287	06/30/1998	Leonhardt	710	33	Dec. 9, 1994	
	5,774,686	06/30/1998	Hammond	395	385	Jun. 7, 1995	
	5,781,750	07/14/1998	Blomgren	395	500	Jan 11, 1994	
	5,781,758	07/14/1998	Morley	395	500	Mar. 23, 1995	
	5,781,792	07/14/1998	Asghar	395	800.35	Mar. 18, 1996	
	5,784,640	07/21/1998	Asghar	395	800.35	Mar. 18, 1996	
	5,790,824	08/04/1998	Asghar	395	385	Mar. 18, 1996	
	5,794,068	08/11/1998	Asghar	395	800.35	Mar. 18, 1996	
7	5,796,939	08/18/1998	Berc	395	184.01	Mar. 10, 1997	
	5,802,272	09/01/1998	Sites	395	183.21	Dec. 19, 1994	
	5,802,337	09/01/1998	Fielden	712	216	Dec. 29, 1995	
11	5,802,373	09/01/1998	Yates	717	139	Jan. 29, 1996	
	5,805,877	09/08/1998	Black	395	586	Sep. 23, 1996	
	5,812,864	09/22/1998	МсСоу	703	26	Dec. 6, 1995	
	5,815,720	9/29/1998	Buzbee	717	158	Mar. 15, 1996	
	5,819,064	10/06/1998	Razdan	703	27	Nov. 8, 1995	
	5,822,578	10/13/1998	Frank	395	591	June 5, 1995	
	5,832,205	11/03/1998	Kelly	395	185.06	Aug. 20, 1996	
	5,838,962	11/17/1998	Larson	395	586	Apr. 9, 1997	
	5,838,978	11/17/1998	Buzbee	395	705	Oct. 9, 1996	
	5,842,017	11/24/1998	Hookway	395	707	Jan. 29, 1996	
1	5,847,955	12/08/1998	Mitchell	700	86	Jun. 23, 1997	
	5,854,913	12/29/1998	Goetz	712	210	Jun. 10, 1997	
1-1-	5,870,763	02/09/1999	Lomet	707	202	Mar. 10, 1997	
EC.	5,884,057	03/16/1999	Blomgren	395	375	May 8, 1995	
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ATTY. DOCKET NO. SERIAL NO. **FORM PTO-1449** U.S. DEPARTMENT OF COMMERCE 09/672,424 114596-31-0127BS PATENT AND TRADEMARK OFFICE APPLICANT INFORMATION DISCLOSURE CITATION Gurjeet S. Saund, et al. GROUP ART UNIT FILING DATE (Use several sheets if necessary) September 28, 2000 2183 U.S. PATENT DOCUMENTS FILING DATE EXAMINER INITIAL NAME CLASS SUBCLASS DOCUMENT NUMBER DATE 712 244 ٤٢. 05/04/1999 Cohn Mar. 18, 1996 5,901,308 05/11/1999 Hoyt 395 585 Sep. 16, 1997 5,903,751 05/18/1999 Klaiber 395 183.07 Feb. 28, 1997 5,905,855 06/08/1999 395 701 Dec. 23, 1997 5.911.073 Mattson 207 5.918,251 06/29/1999 Yamada 711 Dec. 23, 1996 5,920,721 07/06/1999 Hunter 395 705 Jun. 11, 1997 5,930,509 Yates 395 707 Jan. 29, 1996 07/27/1999 5,935,220 08/10/1999 Lumpkin 710 5 Aug. 9, 1996 711 163 5,941,827 02/1996 Holtey Jan. 14, 1994 5,949,415 09/07/1999 Lin 345 335 Jun. 16, 1997 5,958,047 09/28/1999 **Panwar** 712 237 Jun. 25, 1997 09/28/1999 Kelly 714 5,958,061 1 Jul. 24, 1996 5,960,198 09/28/1999 Roediger 717 130 Mar. 19, 1997 Ravichandran 717 5,966,537 10/1999 158 May 28, 1997 5,968,162 10/19/1999 Yard 712 203 Apr. 2, 1996 5,983,335 11/09/1999 712 23 Dwyer Apr. 30, 1997 5,999,736 717 12/07/1999 Gupta 158 May 9, 1997 6,000,028 12/07/1999 Chernoff 712 226 Jan. 29, 1996 6,002,872 12/14/1999 Alexander 717 127 Mar. 31, 1998 6,003,038 12/14/1999 Chen 707 103R March 31, 1997 6,005,551 12/21/1999 Osborne 345 161 Apr. 25, 1997 6,006,029 12/21/1999 395 500.45 Sept. 28, 1993 Bianchi 6,006,033 12/21/1999 717 Heisch 158 Aug. 15, 1994 6,006,277 12/21/1999 Talati 709 313 Jan. 26, 1996 6,011,908 01/04/2000 Wing 395 182.17 Dec. 23, 1996 6,021,265 02/01/2000 Nevill 712 209 Apr. 14, 1997 712 6,021,484 02/01/2000 Park 41 Nov. 14, 1997 6,021,489 02/01/2000 Poplingher 712 Jun. 30, 1997 239 6,026,478 02/15/2000 **Dowling** 712 24 Dec. 23, 1997 6,029,004 02/22/2000 **Bortnikov** 717 158 Mar. 17, 1997 02/29/2000 6,031,992 Cmelik 395 705 Jul. 5, 1996 Ec. **EXAMINER DATE CONSIDERED**

ATTY. DOCKET NO. SERIAL NO. U.S. DEPARTMENT OF COMMERCE **FORM PTO-1449** 114596-31-0127BS 09/672,424 PATENT AND TRADEMARK OFFICE APPLICANT INFORMATION DISCLOSURE CITATION Gurjeet S. Saund, et al. GROUP ART UNIT FILING DATE (Use several sheets if necessary) September 28, 2000 2183 **U.S. PATENT DOCUMENTS** FILING DATE IF APPROPRIATE EXAMINER INITIAL NAME CLASS SUBCLASS DOCUMENT NUMBER DATE 712 35 02/29/2000 Nov. 14, 1997 EC. 6.032,247 Asghar 03/07/2000 Ravichandran 717 141 May 28, 1997 6,035,120 03/07/2000 Glew 712 237 May 7, 1998 6,035,393 717 03/28/2000 **Breternitz** 139 Feb. 25, 1997 6.044,220 717 6.044,221 03/28/2000 Gupta 151 May 9, 1997 711 6,047,363 04/2000 Lewchuk 213 Oct. 14, 1997 Butt 714 43 Dec. 22, 1997 6.047,390 04/2000 6,052,771 4/18/2000 Heller 712 34 Jan. 20, 1998 718 6.061,711 05/2000 108 Aug. 19, 1996 Song 717 6,070,009 05/30/2000 Dean 130 Nov. 26, 1997 128 6,071,317 06/2000 Nagel 717 Dec. 9, 1998 6,076,144 6/13/2000 Peled 711 125 Dec. 1, 1997 6,081,665 06/27/2000 Nilsen 717 116 Dec. 19, 1997 713 Datta 1 6,081,890 06/27/2000 Nov. 30, 1998 Re. 36,766 07/04/2000 Krauskopf 711 203 Aug. 21, 1992 6,091,897 07/18/2000 Yates 395 708 Jan. 29, 1996 Corwin 712 239 Jul. 7, 1999 6,092,188 07/18/2000 712 239 6,115,809 09/05/2000 Mattson Apr. 30, 1998 6,119,204 9/12/2000 Chang 711 141 Jun. 30, 1998 9/2000 712 207 Jul. 8, 1999 6,119,218 Агога 6,141,683 10/31/2000 Kraml 709 220 Jan. 30, 1998 Mann 714 Dec. 17, 1997 6,154,857 11/28/2000 30 710 12/05/2000 Gafken 27 Sep. 24, 1997 6,157,970 6,157,993 12/5/2000 Lewchuk 711 213 Jan. 3, 2000 6,163,764 12/19/2000 Dulong 717 138 Oct. 12, 1998 6,175,957 01/16/2001 Ju 717 156 Dec. 9, 1997 6,195,748 02/27/2001 712 227 Nov. 26, 1997 Chrysos Saboff 717 9 Jul. 21, 1998 6,202,205 03/13/2001 6,205,545 03/20/2001 Shah 712 237 Apr. 30, 1998 6,212,493 04/03/2001 Huggins 703 22 Dec. 1, 1998 6,219,774 04/17/2001 Hammond 711 202 Mar. 25, 1998 **EXAMINER** DATE CONSIDERED

Sheet 6 of 10 ATTY. DOCKET NO. SERIAL NO. U.S. DEPARTMENT OF COMMERCE FORM PTO-1449 114596-31-0127BS 09/672,424 PATENT AND TRADEMARK OFFICE APPLICANT INFORMATION DISCLOSURE CITATION Gurjeet S. Saund, et al. GROUP ART UNIT FILING DATE (Use several sheets if necessary) 2183 September 28, 2000 **U.S. PATENT DOCUMENTS** FILING DATE EXAMINER INITIAL SUBCLASS DOCUMENT NUMBER DATE NAME CLASS 717 05/01/2001 138 Jan. 29, 1996 EC, 6,226,789 Tye 05/15/2001 Bala 712 240 Nov. 5, 1998 6,233,678 05/22/2001 Dean 711 202 Nov. 26, 1997 6,237,073 05/22/2001 **Phillips** 711 213 6.237.074 May 26, 1995 6,240,526 05/29/2001 Petivan 714 11 Oct. 27, 1999 06/05/2001 712 228 Jul. 22, 1998 6,243,804 Cheng 707 06/26/2001 206 Aug. 17, 1998 6,253,215 Agesen 6,256,728 07/03/2001 Witt 712 236 Jul. 6, 1998 6,256,775 717 127 7/3/2001 Flynn Dec. 11, 1997 6,260,191 07/10/2001 Santhanam 717 9 Apr. 7, 1997 09/2001 Ekner 244 6,289,445 712 Jul. 21, 1998 09/25/2001 Hsu 717 9 6,295,644 Aug. 17, 1999 6,298,477 10/02/2001 Kessler 717 145 Oct. 30, 1998 711 162 6,304,948 10/16/2001 Motoyama Oct. 6, 1998 6,308,318 10/23/2001 Krishnaswamy 717 139 Oct. 7, 1998 6,308,321 10/23/2001 Schooler 717 132 Dec. 11, 1998 6,336,135 01/01/2002 Niblett 709 215 Nov. 19, 1998 6,351,646 02/26/2002 Jellema 455 461 Apr. 20, 1998 Neal 6,351,784 02/26/2002 710 308 Dec. 28, 1998 2/26/2002 6,351,844 Bala 717 128 Nov. 5, 1998 6,353,924 03/05/2002 Ayers 717 128 Feb. 8, 1999 03/26/2002 703 26 Oct. 13, 1999 6,363,336 **Banning** 03/26/2002 Dean 714 37 Nov. 26, 1997 6,374,367 6,374,369 04/16/2002 O'Donnell 714 38 May 21, 1999 6,381,628 04/30/2002 Hunt 709 201 Nov. 20, 1998 6,381,735 04/30/2002 Hunt 717 158 Nov. 20, 1998 6,397,379 05/28/2002 Yates 717 140 Oct. 28, 1999 06/11/2002 Sipple 714 39 6,405,327 Aug. 19, 1998 6,415,379 07/02/2002 Keppel 712 209 Oct. 13, 1999 6,453,292 09/17/2002 Ramaswamy 704 235 Oct. 28, 1998 6,463,582 10/08/2002 Lethin 717 158 Oct. 21, 1998

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY DOCKET NO. 114596-31-0127BS		i	SERIAL NO. 09/672,424			
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		WO 98/38575 Klaiber	09/03/1998	PCT/US	G06F	11/00	160	, NO
£ ()		WO 98/59292 Cmelik	12/30/1998	PCT/US	G06F	9/45	•	
ES,		WO 99/03037 Kelly	01/21/1999	PCT/US	G06F	11/00		
ور		WO 99/08188 Kelly	02/18/1999	PCT/US	G06F	11/00		
RE,		WO 99/08191 Kelly	02/18/1999	PCT/US	G06F	12/00		
						•		
	<u> </u>	OTHER DOCUMENTS	(Including A	uthor, Title, Date,	Pertinent	Papers, I	itc.)	
_		Ammons, Ball and Larus						
ار ر		_	Sensitive Profiling, Proceedings of the ACM SIGPLAN 1997 Conference on Programming Language Design and Implementation, pp. 85-96 (1997)					
11	 		Burroughs, Preliminary Edition, B 1700 Systems Reference Manual, Burroughs Corporation					
t 5 -		(1972)						
		Burroughs, B 1700 Systems Micro Implementation Language (MIL) Reference Manual, Burroughs Corporation (1973)						
CC		Brad Calder, Peter Feller, Alan Eustace, Value Profiling, Proceedings of 30th International						
ري.		Symposium on Microarchitecture (Micro-30), IEEE, pages 259-269 (December 1-3, 1997)						
٤٢,		Anton Chernoff, et al., FX!32, A Profile-Directed Binary Translator, IEEE Micro, Vol. 18 No. 2 pp. 56-64 (March/April, 1998)						
ES_		Compaq Computer Corp., Compiler Writer's Guide for the Alpha 21264 (1999) //ftp.digital.com/pub/Digital/info/semiconductor/literature/cmpwrgd.pdf						
_		T.M. Conte, et al., "Accurate and practical profile-driven compilation using the profile buffer,"						
٤٢,		Proceedings of the 29 th Annual International Symposium on Microarchitecture, Paris, France, pp. 36-45 (Dec. 1996)						
عع حج.		T.M. Conte, et al., "Hardware based profiling: An effective technique for profile-driven optimization," International Journal of Parallel Programming, vol. 24, no. 2 (Feb. 1996)						
50		T.M. Conte, et al., "Using branch handling hardware to support profile-driven optimization,"						
		Proceedings of the 27th Annual International Symposium on Microarchitecture San Jose, CA (Dec. 1994)						
E C.		J.S. Cox et al., "Commercializing profile-driven optimization." Proceedings of the 28th Hawaii						
0.0	International Conference on System Sciences, vol. 1 Maui, HI, pp. 221-228 (Jan. 1995) Dean, ProfileMe: Hardware Support for Instruction-Level Profiling on Out-of-Order Processors,"							
E S.		Proceedings of 30th Annual Intl. IEEE/ACM Symp. on Microarchitecture, pp. 292-302 (Dec. 1997)						
٤٢,						97)		
٤٢١	http://www.digital.com/semiconductor/amt/fx32/fx-white.htm							
EXAMIN	IER	Enic Col	DA	ATE CONSIDERE	D /	1/27	105	

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO. 114596-31-0127BS	SERIAL NO. 09/672,424			
INFORMATION DISCLOSURE CITATION		APPLICANT Gurjeet S. Saund, et al.				
	(Use several sheets if necessary)	FILING DATE	GROUP ART UNIT			
(ose several succession)		September 28, 2000	2183			
	Papers, Etc.)					
45,	Ebcioglu and Altman, IBM Research Report, DAISY: Dynamic Compilation for 100% Architectural Compatibility, IBM Research Division (1996)					
ES, ES,	Ronald M. Guffin, Microdiagnostics for the Standard Computer MLP-900 Processor, IEEE Transactions on Computers, Vol. C-20 No. 7, pp. 803-808 (July 1971)					
Ce	Linley Gwennap, MDR Technical Library Special Report, Intel's Merced and IA-64 Technology and Market Forecast, IA-64 Software Model - Chapter 3 excerpt Microprocessor Report, MicroDesign Resources (July 20, 1998)					
EC	Linley Gwennap, MDR Technical Library Special Report, Intel's Merced and IA-64: Technology and Market Forecast, Executive Summary, Microprocessor Report, MicroDesign Resources (July 20, 1998)					
ES-	Linley Gwennap, First Merced Patent Surfaces, Intel Document Reveals Processors With Dual Instruction Sets, Microprocessor Report, MicroDesign Resources (July 20, 1998)					
	R.E. Hank, et al., "Region-Based Compilation: An Introduction and Motivation" Proceedings of					
	the 28th Annual International Symposium on Microarchitecture, pp. 158-168 (Dec. 1995)					
ξς, ε ζ.	Reiner W. Hartenstein, Jürgen Becker: Performance Analysis in CoDe-X Partitioning for Structural Programmable Accelerators; Proc. of 5th Int'l Workshop on Hardware/Software Co-Design CODES/CASHE '97, Braunschweig, Germany, p. 141 (March 1997)					
£ (.	Hollingsworth, Critical Path Profiling of Message Passing and Shared-Memory Programs, IEEE Transactions on Parallel and Distributed Systems vol. 9, no. 10, pp. 1029-1040 (October 1998)					
EC)	Raymond J. Hookway, Mark A. Herdeg, Digital FX!32: Combining Emulation and Binary Translation (August 28, 1997), http://www.digital.com/info/DTJP01HM.HTM					
E G-	Intel Corporation, Intel Architecture Software Developer's Manual, Volume 1: Basic Architecture, pages 3-10 to 3-13, 7-1 to 7-3, 7-20 to 7-25; Volume 2: Instruction Set Reference, pages 3-60 to 3-63, 3-240 to 3-251; Volume 3: System Programming Guide, pages 11-1 to 11-3, 11-10 to 11-13, 14-1 to 14-3, 14-10 to 14-15 (1997)					
٤٢,	Intel Corporation, Pentium Processor Family Developer's Manual (1997), pages 1-1 to 1-6, 2-1 to 2-20					
E.C.	Intel Corporation, Pentium Processor Family Developer's Manual (1997), vol. 3: Architecture and Programming Manual, pages 3-1 to 3-3, 3-10 to 3-13, 12-1 to 12-27, 14-1 to 14-30					
EC.	Jones, Puzzling with Microcode, ACM SIGARCH Computer Architecture News, vol. 11, no. 5, pp. 8-12 (1983)					
£2	Kavi et al., A Performability Model for Soft Real-Time Systems, IEEE Proceedings of the 27th Annual Hawaii International Conference on System Sciences, pp. 571-579 (1994)					
E.C	Kim and Tyson: Analyzing the Working Set Characteristics of Branch Execution, Proceedings of the 31st Annual ACM/IEEE International Symposium on Microarchitecture, pp. 49-58 (Dec. 1998)					
ES_	Monica S. Lam, Robert P. Wilson, Limits of Control Flow on Parallelism, Proceedings of the 19th Annual International Symposium on Computer Architecture, p.46-57 (May 1992)					
EXAMINER Eu le DATE CONSIDERED 7/27/05						

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE	ATTORNEY DOCKET NO. 114596-31-0127BS	SERIAL NO. 09/672,424				
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		September 28, 2000	2183				
	OTHER DOCUMENTS (Including A	uthor, Title, Date, Pertinent	Papers, Etc.)				
	Larus and Schnarr: EEL: Machine-Inde	-	<u>-</u>				
٤٢.	executable editing. In Proceedings of the		nce on Programming Language				
(2)	Design and Implementation (PLDI), 1995						
Ee	Harold W. Lawson, Jr., et al., Functional Characteristics of a Multilingual Processor, IEEE Transactions on Computers, Vol. C-20, No. 7, pp. 732-742 (July, 1971)						
50	M. Lipasti and J. Shen. Exceeding the Data-Flow Limit Via Value Prediction, 29th International						
	Symposium on Microarchitecture, page						
EC. 85	Magnusson and Werner, Efficient Memory Simulation in SimICS, Proceedings of the 28th Annual Simulation Symposium, IEEE, pp. 62-73 (1995).						
	K.N.P. Menezes, "Hardware-based pro						
€C,	of Electrical and Computer Engineering, North Carolina State University, Raleigh, North Carolina (1997)						
86	Mueller, Rustagi and Baker: MiThOS - A Real-Time Micro-Kernel Threads Operating System, IEEE Real-Time Systems Symposium 1995: pp. 49-55 (1995)						
	Nanodata Corporation, QM-1 Hardware level User's Manual (1975)						
	Nanodata Corporation, QM-2 Processor (1976)						
	l l l l l l l l l l l l l l l l l l l						
E.C.	Park et al., Evaluation of Scheduling Techniques on a SPARC-Based VLIW Testbed, Proceedings of the 30th annual ACM/IEEE international symposium on Microarchitecture, pp. 104-113 (1997)						
85	Parkinson and Parameswaran, Profiling in the ASP Codesign Environment, Proceedings of the 8th International Symposium on System Synthesis, Cannes, France, p. 128-133 (Sept. 1995)						
€C. ES.	Peterson, "The Profile Naming Service," ACM Transactions on Computer Systems (TOCS), v.6 n.4, p.341-364 (Nov. 1988)						
ąс.	Rizvi et al., Execution-Driven Simulation of a Superscalar Processor, IEEE Proceedings of the 27th Annual Hawaii International Conference on System Sciences, pp. 185-194 (1994)						
	Robert F. Rosin, Contemporary Concepts of Microprogramming and Emulation, ACM						
	Computing Surveys, Vol. 1 No. 4, pp. 197-212 (December 1969)						
EC.	Robert F. Rosin, An Environment for Research in Microprogramming and Emulation, Communications of the ACM, Vol. 15 No. 8, pp. 748-760 (August 1972)						
	Standard Computer Corp., IC-9000 Central Processing Unit - Principles of Operation (undated – possibly 1969)						
E S.	Veen: Dataflow Machine Architecture, ACM Computing Surveys vol. 18 no. 4 pp. 365-96 (December 1986)						
E S. E S.	W.T. Wilner, Design of the Burroughs B1700, Fall Joint Computer Conference, pp. 489-497 (1972)						
ES.	W.T. Wilner, Burroughs B1700 Memory Utilization, Fall Joint Computer Conference, pp. 579-586 (1972)						
			7				
EXAMINER	ley let	ATE CONSIDERED	/22/05				
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